GOVERNMENT OF ANDHRA PRADESH
ABSTRACT

Water Resources Department – Hindustan Petroleum Corporation Ltd (HPCL) – Proposal for Laying 16" Dia petroleum Product pipeline along with OFC (Optical fibre cable) across various canals under Nagarjunasagar project in Guntur district – Permission Accorded –Orders – Issued.

WATER RESOURCES (REFORMS) DEPARTMENT

G.O.RT.No. 257 Dated: 06-04-2018.
Read the following:-

1) From the Executive Director (Pipelines), HPCL(A Govt. Of India Enterprise) Mumbai, Ref:HPCL/ VDPL/BVK/ CS dt: 06.02. 2018.
2) From the Chief Secretary, Govt of AP, CSP No.26/ 2018, dt: 07.02.2018.
3) From the Chief Engineer(Projects), N.S.Project, Guntur Lr.No.CE/NSP/GNT/OT4/AEE2/29137/87(HPCL),Dt: 22.02.2018.

O R D E R

In the reference 1st read above, the Executive Director, (Pipeline), Hindustan Petroleum Corporation Ltd., Mumbai in his letter dt. 6.2.2018 has stated that, the HPCL is proposing to lay 16" dia Pipeline for transportation of finished petroleum products from the existing terminal at Vijayawada, Krishna District, AP to Dharmapuri terminal (Tamilnadu state) via Kuppam, Chittoor district. The Executive Director, HPCL has requested the State Govt., to facilitate in acquisition of land, Forest clearances, 33 KV power connections, PVB, Factories, Fire and Town Planning approvals for the proposed project. Among the issues mentioned in his letter permission for laying of 16" dia Pipeline for transportation of finished petroleum products from the existing terminal at Vijayawada, Krishna District, Andhra Pradesh to Dharmapuri terminal (Tamilnadu state) via Kuppam, Chittoor district relates to Water Resources Department.

2. In the reference 3rd read above, the Chief Engineer (Projects), N.S. Project, Guntur in his letter dated: 22.02.2018 has stated that the Superintending Engineer NSJC O & M Circle, Lingamguntla has examined and submitted his report on the proposal of laying HPCL Pipe line from Vijayawada – Dharmapuri Petroleum Product pipeline of 16" dia along with OFC (Optical fibre cable) across various canals under Nagarjunasagar project in Guntur district with the following canal crossings and certain conditions.

(a)Canal Crossings

Sl.No.	HPCL Change/IP-TP Pipeline	Name of the Canal	Canal Crossing chainages(Km)	Remarks
1	*2*	*3*	*4*	*5*
1	59.108km – IP87/5-IP 87/6	25L Ambadipudi Sub Minor of 46R Ambadipudi Minor @ km.7.914	Km.0.125	Open cut Method
2	59.158km – IP87/6-TP88	46R Ambadipudi minor of Chinthapalli Major @39.500	Km.7.40	Open cut Method
3	62.455km – IP89/7-TP90	12R Velpuru Sub Minor of 46R Ambadipudi Minor @Km.2.188	Km.0.900	Open cut Method

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4	66.663km – IP91/16-IP91/17	36R Kastala Minor of Chinthapalli Major @Km.33.672	Km.5.65	HDD/Boring Method
5	67.913km – IP91/21-IP91/22	5 R Krosuru Sub Minor of 36 R Kastala Minor	Km.2.50	Open cut Method
6	70.780 km – IP94/5-IP94/6	Vuyyandana diversion Channel of Thurugunda Vagu	Km.2.85	Open cut Method
7	71.315km – Ip94/6-IP94/7	26 R Vuyyandana minor	Km.9.50	Open cut Method
8	72.420km – Ip95/21-Ip95/3	9 R Sub minor of Vuyyandana minor	Km.5.80	Open cut Method
9	79-690km-IP102/4-IP102/5	Errapalem Major of Bellakonda Branch Canal @ Km.18.200	Km.7.50	HDD/Boring Method
10	81-649km-TP105-IP105/1	Rajupalem minor-2 of Rajupalem Major @ Km.13.200	Km.0.720	Open cut Method
11	82.726km – TP107-IP107/1	Rajupalem minor-1 of Rajupalem Major @km.12.291	Km.0.600	Open cut Method
12	84.133km – IP109/2-IP109/3	28 RDP of Rajupalem Major @ Km.11.111	Km.0.200	Open cut Method
13	84.300km – IP109/3-IP109/4	Rajupalem Major of Brllakonda Branch Canal @ Km.4.963	Km.11.111	Open cut Method
14	86-126km – IP110/1 – IP110/2	Rajupalem major of Bellakonda Branch Canal @ Km.4.963	Km.8.827	HDD/Boring Method
15	88-320km-IP112/2-IP112/3	Balijepalli minor of Rajupalem Major @ Km.9.287	Km.0.284	Open cut Method
16	89-100 km-TP113-Ip113/1	Uppalapadu Minor of Rajuaplem Major @ Km.5.630	Km.1.139	Open cut Method
17	119.846Km-IP136/4-P136/5	Kondayapalem East subminor OT @Km.2.230 of Gundepalli Minor	Km.1.500	Open cut Method
18	121.172Km-IP137/2-P137/3	Gundepalli Minor OT @Km 3.368 of Angalur Major	Km.3.537	Open cut Method
19	122.973Km-IP138/4-P138/5	Angalur Major OT @ Km.106.402 of NSRC	Km.9.400	Open cut Method
20	128.088Km-TP141-IP-141/1	12L Minor OT @ Km.11.517 of Perumalapalli Major	Km.1.844	Open cut Method
21	130.421Km-IP144/10-IP141/11	Pedakancherla Minor OT @ Km.15.55 of Perumalapalli Major	Km.1.845	Open cut Method
22	133.990Km-IP144/3-IP144/5	Naragayapalem 17L Minor OT @Km.19.066 of Perumalapalli Major	Km.0.225	Open cut Method
23	134.039Km-IP144/4-IP144/5	2R DP of 17L Minor OT @ Km.0.033 of 17L Naragayaalem Major	Km.0.010	Open cut Method
24	134.259Km-IP145/1-IP145/2	Perumallapali Major OT @Km.112.278 of NSRC	Km.19.270	Open cut Method
25	142.375Km-IP152/3-IP152/4	Thimmayapalem Minor-I OT @Km.17.937 of Cheekateegalapalem Major	Km.0.970	Open cut Method
26	142.550Km-IP152/4-IP152/5	Cheekateegalapalem Major OT @ Km.131.507 of NSJC	Km.18.050	HDD/Boring method
27	145.220Km-IP154/3-IP154/4	Suryapalli Minor-I OT @Km.14.593 of Cheekateegalapalem Major	Km.1.500	Open cut Method
28	150.168Km-IP157/7-IP157/8	Peddavaram Minor-IIA OT @ KM 0.05 of Peddavaram Minor-II	Km.0.440	Open cut Method
29	150.861Km-IP157/9-IP157/10	Peddavaram Minor-I OT @ Km.13.344 of Inavolu Major	Km.0.510	Open cut Method
30	151.533Km-IP158/1-	Inavolu Major OT @ Km.200.665 of NSRC	Km.13.075	HDD/Boring method
31	152.031KM-IP160/1	Chinthalacheru Minor-IV OT @ Km.12.201 of Inavolu Major	Km.0.57	Open cut Method
32	151.667KM-IP160/9-IP160/10	Peddavaram Minor –III OT @ Km.15.261 of Inavolu Major	Km.0.200	Open cut Method
33	92.998Km-TP-117 to TP-118	F Minor of 3L Gorantla Major	Km.0.400	Open cut Method

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34	93.131Km-TP-117 to TP-118	3L Gorantla Major of Guntur Branch Canal	Km.4.800	HDD/Boring Method
35	93.688Km-TP-118 to TP-119	D Minor of 3L Gorantla Major	Km.1.500	Open cut Method
36	97.103Km-TP-121 to TP-122.	Guntur Branch Canal of Minor Canal	Km.4.900	HDD/Boring Method
37	IP124/6-IP124/3 PLCH-104.479 Km	Vipprla Major-Addanki Branch Canal	Km.6.665	Open cut Method
38	IP 127/2-IP 127/3 PLCH-104.747 Km	Kunkalagunta Major-II of Addanki Branch Canal	Km.4.253	Open cut Method
39	IP 129/2-IP 129/3 PLCH-108.112 Km.	Annavaram Major of Addanki Branch Canal	Km.1.240	Horizontal Direct Drilling
40	IP 130/1-IP 130/2 PLCH-109.933 Km	Addanki Branch Canal	Km.6.710	Horizontal Direct Drilling

(b)Conditions

1. The HPCL authorities shall take the safety measures for pipeline protection.
2. The HPCL authorities shall be responsible for the safety of all activates in the site.
3. The water resources department, Andhra Pradesh is not responsible for any problems/disputes going to be arisen from the existing neighbour firms or public during and after completion of laying of pipe line work.
4. The permission is purely temporary and firm is liable for removal of any diversion structure before water release or at any time with their own expenses. Otherwise the same will be removed by the Water Resources Department and the expenses will be met from the Security Deposits of the firm.
5. This permission does not confer any right on the ownership of the Department.
6. The entire execution of work at the canal crossing points to be performed under supervision of the Water resources department.
7. The Pipe line crossings at the NSP canals should be encased with concrete of grade M15 and the entire cost should be borne by the HPCL and NSP Department will not be responsible for any payment in this regard.
8. The gravel cushion of minimum 3.0 mts over the encased concrete shall be provided and shall be maintained in case of any disturbance due to any reasons thereof.
9. The HPCL authorities should make diversion arrangements to the present pipeline crossings on its own, whenever it is found necessary by the water resources department at a later date to avoid hindrance to the ongoing works as well as harvesting process by farmers.
10. Laying of Pipe Line at the NSP canal crossings should be carried out during closure period of the canals to avoid hindrance in water regulation. In case of water supply, any temporary structure shall be removed by HPCL and the cost of removal shall be borne by HPCL.

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11. Excavation of the above mentioned canals crossings are to be restored to the original section of the particular canal immediately after execution.
12. The banks of the canal shall be restored immediately whenever required by the Water Resources Department at the cost of the HPCL on 3 days prior notice.
13. The drawings of the Major crossings have to be vetted by the Chief Engineer, Central designs organization, Vijayawada as per norms where designs are involved.
14. The firm should not damage the existing ground features while laying of pipe line at the NSP canal crossings.
15. The hydraulic standards of the canals should not be disturbed/altered during progress of work.
16. No obstruction should be caused to the free flow of canal water under any circumstances.
17. In case of maintenance of canal/structure, if the pipeline so laid is found necessary for removal the same has to be attended by the HPCL at their own cost and no compensation will be paid by this department.
18. The inspection paths on the canal bank shall not be damaged. If any damage is found inevitable during execution, the same have to be restored and brought to the original condition as specified by this department.
19. The water resources department reserves the right to cancel or alter the permission now accorded at any time without assigning any reasons and any deviation to the above terms and conditions shall be deemed to have been considered that the permission is automatically cancelled.
20. Arrange the demarcation stones and the name boards with details of depth and width of the pipeline at the canal crossing locations.
21. The HPCL shall take an insurance cover for indemnifying the water resources department against any loss which may be caused to the canal works during the construction stage of pipeline crossing. The Insurance cover shall be taken as directed by the water resources department prior to the execution of crossing work shall be valid till one month after completion of the work.
22. The HPCL shall be responsible for the preservation of the essential service for any accident to the property, personal from injury or damage what so ever arising due to leakage, burst to the pipeline. The HPCL shall make good such damage or reimburse to the water resources department for such loss due to damage in full as assessed by the water resources department.
23. An Undertaking for the safety of the petroleum products pipeline and to ensure no leakages to avoid pollution of irrigation canal and drinking water which passes through the canals is to be submitted to the department before starting of the work.
24. Security deposit shall be collected from the HPCL authorities before execution of work as directed by the concerned Superintending Engineer.

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25. Any other conditions stipulated by the water resources department afterwards if found necessary, the same will be binding on the firm.

3. The Chief Engineer (Projects), N.S. Project, Guntur vide his letter 3rd read above has recommended to accord permission to the proposal of M/s Hindustan Petroleum Corporation Ltd, (HPCL) for laying pipeline from Vijayawada - Dharmapuri Petroleum Product pipeline of 16" dia along with OFC (Optical fibre cable) across various canals mentioned at para 2(a) under Nagarjunasagar project in Guntur district along with certain conditions mentioned at para. 2(b).

4. Government, after careful examination of the matter, hereby accord permission to M/s Hindustan Petroleum Corporation Ltd, (HPCL) for laying pipeline from Vijayawada - Dharmapuri Petroleum Product pipeline of 16" dia along with OFC (Optical fibre cable) across various canals mentioned at para. 2(a) under Nagarjunasagar project in Guntur district along with certain conditions mentioned at para. 2(b).

5. The Engineer-in-Chief (Irrigation), Water Resources Department, Andhra Pradesh, Vijayawada and the Collector & District Magistrate of Guntur district shall take necessary action accordingly.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

SHASHI BHUSHAN KUMAR
SECRETARY TO GOVERNMENT

To
The Engineer-in-Chief (Irrigation), Water Resources Department,
Andhra Pradesh, Vijayawada.
The Collector & District Magistrate, Guntur District.
The Chief Engineer(Projects), N.S.Project, Guntur.
The Executive Director (Pipelines), HPCL(A Govt. Of India Enterprise),
Regd. Office:17, Jamshedji Tata Road, Mumbai.

Copy to:
The Chief Secretary to Government of Andhra Pradesh.
The Private Secretary to Hon'ble Minister for Water Resources Department.
The Private Secretary to Secretary to Government, Water Resources Department.
The Superintending Engineer, NSJC O &M Circle, Lingamguntla.
SF/SC

//FORWARDED::BY ORDER//

SECTION OFFICER.